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Substitute for form 1449A/PTO

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Complete if Known					
Application Number	110/719,470				
Filing Date	November 21, 2003	_			
First Named Inventor	Qinghua Li				
Art Unit	1614				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	42P17467				

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code <sup>a</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
FW	1	US-5,515,378	05-07-1996	Roy, III et al.				
fw	2	US-5,909,649	06-01-1999	Saunders				
RW	3	US-5,936,569	08-10-1999	Stahle et al.				
	4 .	US-6,047,189	04-04-2000	Yun et al				
Ra	5	US-6,549,585	04-15-2003	Naguib et al.				
RN RN RN	6	US-6,593,880	07-15-2003	Velasquez et al.				
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Examiner Signature	Donald & williams In	Date Considered	12/30/05	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique dilation designation number (optional). She Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Ehter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible/phicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

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Application Number	10/719,470	_			
Filing Date	November 21, 2003				
First Named Inventor	Qinghua Li				
Art Unit	1614				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	42P17467				

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Retevant Passages or Relevant Figures Appear			
Per	1	US-2001/047424	11-29-2000	Alastalo et al				
		US-						
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FOREIGN PATENT DOCUMENTS							
Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,		
	No.'	Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
Pa	2	WO 0228119	04-04-2002	ArrayCom			
Rev		EP 1263168	12-04-2002	Kabushiki			
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'Applicant's unique citation designation number (optional):See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04:Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3):For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possibility possibility possibility possibility possibility possibility possibility possibility patent is to place a check mark here if English language Translation is attached.

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				Art Unit	1614
<del></del>	-	1 1		Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	42P17467

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T,					
Pa)	4	YOUNG-BAE et al: "Medium Access Control Protocols Using Directional Antennas in Ad Hoc Networks: Infoco 2000. IEEE Tel Aviv, Israel 26-30 March 2000. pages 13-21 XP010376001	m					
RW	5	SAKR et al: "Carrier-Sense Protocols for Packet-Switched Smart Antenna Basestations" IEEE 28 October 1997, pages 45-52, XP10258685						
Pal	6	KRISHNAMURTHY et al: "Polling-Based Media Access Protocols for Use with Smart Adaptive Array Antennas"						
la) RW RW	7	REN: "Efficient Media Access Protocols for Wireless LANs with Smart Antennas" 2003 IEEE 16-20 March, Piscataway NJ, vol. 2 pages 1286-1290, XP010639952						
90 )	8	PCT Search report dated 3-18-05						
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